

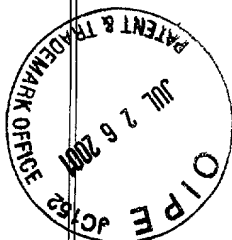
RECEIVED

JUL 27 2001

1645

TECH CENTER 1600/2900

PATENT
Attorney Docket No. 3495.0166-02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Ara HOVANESSIAN et al.)
Serial No.: 09/825,886) Group Art Unit: 1645
Filed: April 5, 2001) Examiner: R. Zeman
For: A NOVEL CELL SURFACE)
RECEPTOR FOR HIV)
RETROVIRUSES, THERAPEUTIC)
AND DIAGNOSTIC USES)

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

**SUPPLEMENTAL PRELIMINARY AMENDMENT AND
REQUEST UNDER 37 C.F.R. § 1.821(e)**

Prior to the examination of this continuation application, Applicants request that the Office amend the application as follows:

IN THE ABSTRACT:

After page 194, please insert the enclosed abstract page which reads:

This invention provides a protein complex receptor for HIV retroviruses, namely the "V3 loop HIV receptor", which consists of three associated proteins: P95/nucleolin, P40/PHAPII, and P30/PHAPI. The receptor binds to the envelope protein of the HIV virus, specifically to the V3 loop of the envelope protein.

REMARKS

In response to the Notice to File Corrected Application Papers, requesting an abstract in this application, Applicants have submitted an abstract describing the

LAW OFFICES

ANNEGAN, HENDERSON,
FARABOW, GARRETT,
& DUNNER, L.L.P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000

invention. Applicants ask that the Office kindly amend the application to include the Abstract.

Additionally, Applicants request under 37 C.F.R. § 1.821(e) that the Office use the sequence listing submitted in the parent Application No. 09/393,302. The sequences in this application are identical with those disclosed in the '302 application and provided electronically to the Office in that application. Therefore, Applicants now make reference to the '302 application and computer readable sequence listing in lieu of filing a duplicate computer readable form in this application. The computer readable form in the '302 application is compliant with all of the sequence listing regulations. Applicants request that the Office use the computer readable form on file in the '302 application, and state that the paper copy of the sequence listing in this application is identical to the computer readable copy filed in the other application. Applicants have enclosed a paper copy of the sequence listing filed in the '302 application.

In view of the foregoing amendments and remarks, Applicants respectfully examination of this application. Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: July 26, 2001

By: Rebecca M. McNeill
Rebecca M. McNeill
Reg. No. 43,796

Abstract

This invention provides a protein complex receptor for HIV retroviruses, namely the "V3 loop HIV receptor", which consists of three associated proteins: P95/nucleolin, P40/PHAPII, and P30/PHAPI. The receptor binds to the envelope protein of the HIV virus, specifically to the V3 loop of the envelope protein.

